

**APPARATUS AND METHOD FOR DARK
CALIBRATION OF A LINEAR CMOS SENSOR**

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ABSTRACT OF THE INVENTION

An apparatus in a linear complementary metal-oxide-semiconductor sensor for dark calibration comprises a plurality of exposure control devices used for controlling corresponding a first electrical access to a photocell and located between the corresponding photocell and in common a voltage line. In the present invention, the exposure control devices comprise on/off switches that can enable and disable the first electrical accesses. The apparatus is applied with a method for dark calibration of a scanner with a linear sensor. The method comprises disabling a plurality of electrical connections between a plurality of corresponding photocells and in common a voltage line in said linear sensor, and thereafter exposing said photocells.